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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/803,834

03/17/2004

Ben Meager

3772-7-CON

6460

22442

7590

07/31/2006

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EXAMINER

LAVINDER, JACK W

ART UNIT

PAPER NUMBER

3677

DATE MAILED: 07/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/803,834

Applicant(s)

MEAGER, BEN

Examiner

Jack W. Lavinder

Art Unit

3677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 25-32 and 34-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 38 and 39 is/are allowed.
- 6) ☒ Claim(s) 25-32 and 34-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 25 and 30 have been rejected under 35 U.S.C. 102(b) as being anticipated by Heckman, 3266112.

Regarding claim 25, Heckman discloses a device for creating a seal having

- an upper seal member (14) having a first mating surface (26) and a lifting wing (38)
- a lower seal member (12) having a second mating surface (20) and a closure bar groove (as seen in figure 2 at 68)
- a slider (50) having
 - a lifting rib (62)
 - a closure bar (60)
 - a body (54, figures 1-3)

Regarding claim 30, Heckman discloses first and second mating surfaces with identical profiles (figure 2).

3. Claims 25, 26, 28, 29, 31, 32 and 35 have been rejected under 35 U.S.C. 102(b) as being anticipated by Sander, 2810944.

Regarding claim 25, Sander discloses a device for creating a seal having

- an upper seal member (9) having a first mating surface (16) and a lifting wing (at 6 and 9, figures 2-5)
- a lower seal member (5) having a second mating surface (at 16) and a closure bar groove (22)
- a slider (S) having
 - a lifting rib (12, 13)
 - a closure bar (11)
 - a body (10, figures 1-6)

Regarding claim 26, Sander discloses a first and second lifting wing (6, 9) and a first (12) and second (13) lifting rib.

Regarding claim 28, Sander discloses a top lateral surface on both the top and bottom seal members at about the same elevation (figure 2).

Regarding claim 29, Sander discloses a seal member rib (20') that supports the interlocking first and second mating surfaces (figure 2).

Regarding claim 31, Sander discloses a partial cylindrical shaped slider that contacts at least one of the upper and lower seal members (figures 2-6).

Regarding claim 32, Sander discloses a lifting rib (13) that does not extend the entire length of the slider (figures 7 and 8).

Regarding claim 35, Sander discloses a seal on a container (col. 1, lines 25-26), which can be used as a shipping package.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 27 has been rejected under 35 U.S.C. 103(a) as being unpatentable over Sander in view of Tilman, 4929487.

Sander fails to disclose a stiffener in the lower or upper seal member.

Tilman discloses that it is old and well known to add a stiffener (50) in order to stabilize the male profile of the seal.

It would have been obvious to a person having ordinary skill in the art to add the stiffener to Sander's male profile in order to stabilize the male profile/rib.

6. Claims 34, 36 and 37 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Sander in view of Madsen, 2613421.

Regarding claim 34, Sander fails to disclose a pull-tab with a pin and a slanted pull-tab track.

Madsen discloses an interlocking seal with a slider having a pull-tab with a pin in a slanted pull-tab track (31).

It would have been obvious to a person having ordinary skill in the art to add a pull-tab to Sander's slider to improve the ease of moving the slider back and forth to open and close the seal.

Regarding claim 36, Sander and Madsen are applied as set forth above.

Sander also discloses a tilted upper interior surface on the body. The upper interior surface is tilted from side to side in figures 2-5 and it is tilted from front to back as seen in the cross sections starting from figure 3 to figure 5.

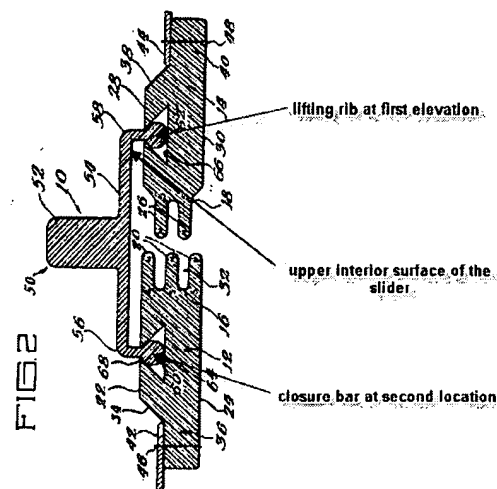
Regarding claim 37, Sander discloses a seal on a container (col. 1, lines 25-26), which can be used as a shipping package.

Allowable Subject Matter

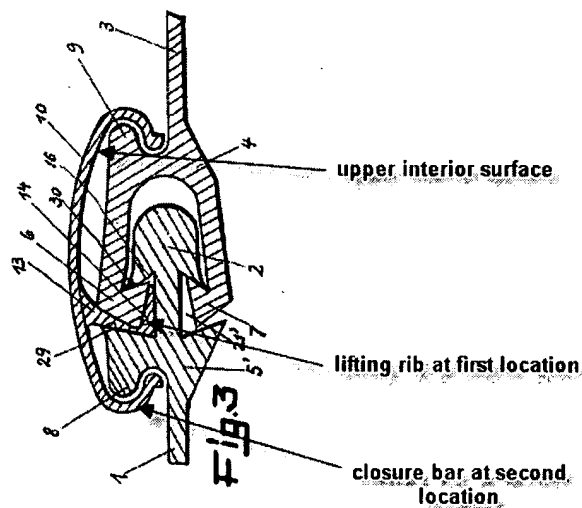
7. Claims 38 and 39 have been allowed. The terminal disclaimer filed on 5/26/06 has been approved and overcomes the double patenting rejections.

Response to Arguments

8. Applicant's arguments filed 5/26/06 have been fully considered but they are not persuasive. The applicant argues that the 102(b) rejection based on Heckman fails to meet the new claim limitations directed to the location of the lifting rib and the closure bar relative to the upper interior surface of the slider and to each other. Heckman's device does meet these limitation when one is view the slider/seal mechanism in a vertical orientation, i.e., figure 2 turned ninety degrees to the left. See illustrated figure 2 of Heckman:



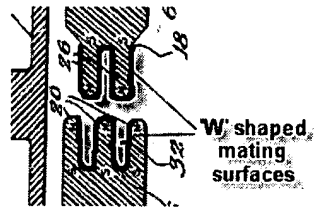
The same reasoning applies to Sander's disclosure. See illustrated figure 3 of Sander:



The applicant argues, with respect to the 102(b) rejection of claim 30, that Heckman fails to disclose first and second mating surfaces with identical profiles. The first and second mating surfaces, i.e., the surfaces that come into contact with one another, are each in the form of a W, which is considered to be the same profile. If it

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weren't the same profile than the surfaces would fully mate with each other. See illustrated figure of Heckman:



Conclusion

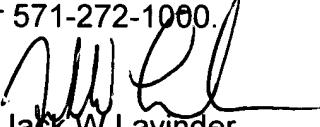
9. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack W. Lavinder whose telephone number is 571-272-7119. The examiner can normally be reached on Mon-Friday, 9-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Swann can be reached on 571-272-7075. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jack W Lavinder
Primary Examiner
Art Unit 3677

7/25/06